

Converting Colors

$Yxy(38.8389, 0.3123, 0.3410)$

Have a look what the booklet for
Yxy(38.8389, 0.3123, 0.3410)
contains.

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Color

Yxy(38.8997, 0.3121, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	A1AAA1
RGB	161, 170, 161
RGB Percent	63%, 67%, 63%
CMY	0.3686, 0.3333, 0.3685
CMYK	0.05, 0.00, 0.05, 0.33
HSL	120°, 5%, 65%
HSV	120°, 5%, 67%
XYZ	35.5092, 38.8997, 39.3662
YIQ	166.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

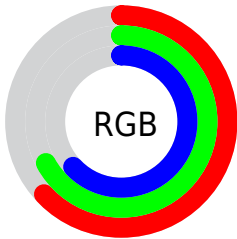
Format	Color
RYB	161, 170, 170
Decimal	10594977
CIELab	68.68, -4.88, 3.52
CIELCh	69, 6.018, 144.219
Yxy	38.8997, 0.3121, 0.3419
Android (android.graphics.Color)	4288785057 (0xFFA1AAA1)
YUV	166.2830, -2.6045, -4.6332
Hunter-Lab	62.3696, -7.5206, 6.2363

Details

The Yxy color **38.8997, 0.3121, 0.3419** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.9420, 0.3133, 0.3164**, and the grayscale version is **38.2933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4072, 0.3123, 0.3389**, and **17.3339, 0.3107, 0.3452** is the 20% darker color. If you saturate the color by 10%, you get **36.6944, 0.3108, 0.3689**, and if you desaturate by 10%, it is **41.4298, 0.3132, 0.3183**.

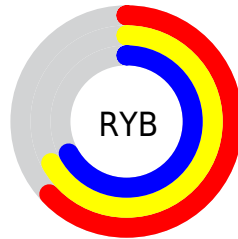
Distribution



Red (63%)

Green (67%)

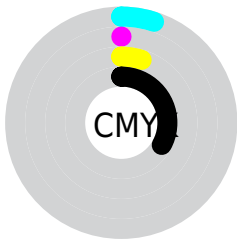
Blue (63%)



Red (63%)

Yellow (67%)

Blue (67%)

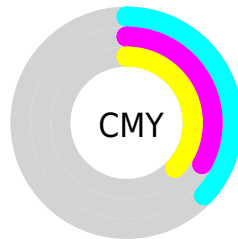


Cyan (5%)

Magenta (0%)

Yellow (5%)

Black (33%)



Cyan (37%)


Magenta (33%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8997, 0.3121, 0.3419 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 38.8997, 0.3121, 0.3419 by changing the saturation by 10% instead.


 38.8997, 0.3121,
0.3419


 38.8997, 0.3121,
0.3419


341.4639, 0.3124,
0.3352

 26.6817, 0.3120,
0.3437


 73.4851, 0.3122,
0.3394

 17.3343, 0.3119,
0.3460


 96.6212, 0.3123,
0.3385

 10.4731, 0.3117,
0.3492


124.1656, 0.3123,
0.3377

 5.7138, 0.3114,
0.3538

156.5025, 0.3124,
0.3371

 2.6718, 0.3108,
0.3613

194.0164, 0.3124,
0.3365

 0.9629, 0.3105,
0.3766

237.0917, 0.3124,

 0.0000, 0.0000,

0.3360

0.0000

286.1127, 0.3124,
0.3356

■ 38.8997, 0.3121,
0.3419

■ 38.8997, 0.3121,
0.3419

■ 36.6944, 0.3108,
0.3689

■ 41.4298, 0.3132,
0.3183

■ 34.7960, 0.3094,
0.3992

■ 44.2919, 0.3142,
0.2978

■ 33.1925, 0.3078,
0.4324

■ 47.4991, 0.3151,
0.2802

■ 31.8691, 0.3061,
0.4675

■ 51.0624, 0.3158,
0.2651

■ 30.8096, 0.3045,
0.5026

■ 54.9923, 0.3164,
0.2522

■ 29.9965, 0.3030,
0.5354

■ 57.2288, 0.3166,
0.2460

■ 29.4099, 0.3017,
0.5632

■ 29.0268, 0.3007,
0.5837

■ 28.8186, 0.3002,
0.5958

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



38.8997, 0.3209, 0.3446



38.8997, 0.3121, 0.3419



38.8997, 0.3035, 0.3356

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.8997, 0.3121, 0.3419



38.8997, 0.2980, 0.3151



38.8997, 0.3282, 0.3302

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



38.8997, 0.3121, 0.3419



36.9420, 0.3133, 0.3164

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



38.8997, 0.3219, 0.3225



38.8997, 0.3121, 0.3419



38.8997, 0.3044, 0.3139

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



38.8997, 0.3121, 0.3419



38.8997, 0.2954, 0.3200



38.8997, 0.3132, 0.3166



38.8997, 0.3303, 0.3377

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



38.8997, 0.3121, 0.3419



38.8997, 0.2991, 0.3303



38.8997, 0.3132, 0.3166



38.8997, 0.3265, 0.3276

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



38.9014, 0.3121, 0.3419



72.0096, 0.3125, 0.3339



39.8684, 0.3203, 0.3416



16.0696, 0.3125, 0.3336



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.9014, 0.3121, 0.3419



70.2326, 0.3120, 0.3440



39.0623, 0.3084, 0.3354



8.5485, 0.3120, 0.3450



21.1489, 0.3000, 0.5999



0.5146, 0.2998, 0.5994

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



36.9420, 0.3133, 0.3164



66.1459, 0.3134, 0.3144



36.7753, 0.3173, 0.3227



8.0198, 0.3135, 0.3135



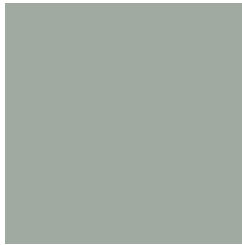
8.4153, 0.3212, 0.1543



0.2048, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 38.8997, 0.3121, 0.3419 looks on a white background.

Color Contrast Check

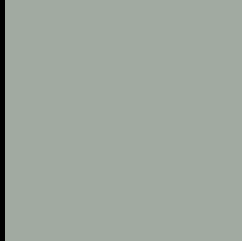
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 38.8997, 0.3121, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

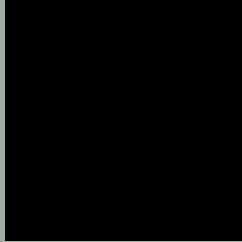
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

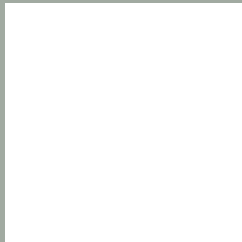
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.8997, 0.3121, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 38.8997, 0.3121, 0.3419.



This preview shows how white text looks on a background with the Yxy color 38.8997, 0.3121, 0.3419.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

38.8997, 0.3121, 0.3419

Protanopia

38.9113, 0.3243, 0.3403

Deuteranopia

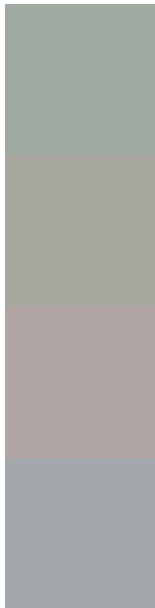
38.7993, 0.3340, 0.3277



Tritanopia

38.8252, 0.2992, 0.3109

Trichromacy



Original Color

38.8997, 0.3121, 0.3419

Protanomaly

38.8682, 0.3196, 0.3403

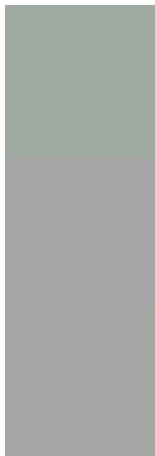
Deuteranomaly

38.7490, 0.3257, 0.3332

Tritanomaly

38.8089, 0.3040, 0.3219

Monochromacy



Original Color

38.8997, 0.3121, 0.3419

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.2103, 0.3125, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8997, 0.3121, 0.3419 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(161, 170, 161)` looks like.

```
.text, #text, p{  
    color:rgb(161, 170, 161)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(161, 170, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 170, 161) }
```

Border

The CSS property to change the border of an element to Yxy 38.8997, 0.3121, 0.3419 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(161, 170, 161) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(161, 170, 161) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(161, 170, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 170, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 170, 161);  
box-shadow:4px 4px 4px 4px rgb(161, 170,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8997, 0.3121, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 170, 161) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(161,  
170, 161) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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